

STEREO MOC Status Report
Time Period: 2013:315 - 2013:321

STEREO Ahead (STA) Status:

1. The following Ground System anomalies/events occurred during this reporting period:
 - On day 318, during the DSS-54 support, turbo decoder lock was lost briefly at 0903z. This anomaly resulted in the loss of 16 frames of SSR data.
 - On day 320, during the DSS-55 support, turbo decoder lock was lost briefly at 0725z. This anomaly resulted in the loss of one frame of SSR data.
2. The following spacecraft/instrument events occurred during this week:
 - The average daily SSR playback volume for Ahead was 3.0 Gbits during this week.

STEREO Behind (STB) Status:

1. The following Ground System anomalies/events occurred during this reporting period:
 - On day 319, during the DSS-63 support, turbo decoder lock was lost intermittently beginning at 1207z through 1216z. This anomaly resulted in the loss of 6675 frames of SSR data. See DR# N109204 more information.
2. The following spacecraft/instrument events occurred during this week:
 - On day 315, the 10th SECCHI 180 degree comet Ison roll was executed successfully at 0200z.
 - On day 315, the SSR science partitions filled as follows:

PLASTIC (Part 17) reached 95% full at 0803z for 2.4 hours.
 - On day 316, the 11th SECCHI 180 degree comet Ison roll was executed successfully at 1000z.

- On day 316, the SSR science partitions filled as follows:
 - SWAVES (Part 13) reached 100% full at 1745z for 2.7 hours.
 - PLASTIC (Part 17) reached 95% full at 1500z for 5.6 hours.
- On day 317, the 12th SECCHI 180 degree comet Ison roll was executed successfully at 0200z.
- On day 317, the SSR science partitions filled as follows:
 - SWAVES (Part 13) reached 100% full at 0300z for 11.0 hours.
 - SWAVES (Part 13) reached 100% full at 1923z for 4.6 hours.
 - IMPACT (Part 15) reached 95% full at 0823z for 5.8 hours.
 - IMPACT (Part 15) reached 95% full at 1913z for 4.8 hours.
 - PLASTIC (Part 17) reached 95% full at 0209z for 12.0 hours.
 - PLASTIC (Part 17) reached 95% full at 1835z for 5.4 hours.
- On day 318, the SSR science partitions filled as follows:
 - SWAVES (Part 13) remained 100% full at 0000z for 20.3 hours.
 - IMPACT (Part 15) remained 95% full at 0000z for 20.9 hours.
 - PLASTIC (Part 17) remained 95% full at 0000z for 20.6 hours.
 - SECCHI (Part 19) reached 100% full at 1747z for 2.5 hours.
- On day 318, the 57th momentum dump was executed successfully at 2300Z, which imparted a delta V of 0.052 m/sec.
- On day 319, the SSR science partitions filled as follows:
 - SWAVES (Part 13) reached 100% full at 1011z for 1.8 hours.
 - IMPACT (Part 15) reached 95% full at 0930z for 2.5 hours.
 - PLASTIC (Part 17) reached 95% full at 0824z for 3.6 hours.
- The average daily SSR playback volume for Behind was 2.7 Gbits during this week.